

PRODUCTION OF ALPHA-OLEFIN OLIGOMER

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Abstract of JP10218799

PROBLEM TO BE SOLVED: To provide a method for producing an α -olefin oligomer in high catalytic activity and selectivity by using a chromium-based catalyst.

SOLUTION: In this method for producing an α -olefin, a catalyst comprising at least chromium compound (a), one or more kinds of nitrogen-containing compounds (b) selected from a group comprising an amine, amide and imide and an alkylaluminum compound (c) is used as the chromium-based catalyst and a compound comprising a salt of a carboxylic acid and chromium and containing 0.5-10wt.% free carboxylic acid is used as the chromium compound.

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